Release notes for ENDF/B Development n-062_Sm_147 evaluation

April 26, 2017

- **checkr** Warnings:

    1. A previous error halted parsing of the current section
       MAT=6234, MF= 1, MT=451 (1): Parsing stopped

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 1, MT=451
        SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER     215 TO     463
    ```

- **checkr** Errors:

    1. A variable is outside the allowed ENDF range
       MAT=6234, MF= 1, MT=451 (0): Variable range

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 1, MT=451
        MOD =     1 OUT OF RANGE     0 -     0          RECORD NUMBER     215
    ```

    2. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 2, MT=151 (0): Directory (b)

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 2, MT=151
        SECTION  2/151 NOT IN DIRECTORY              RECORD NUMBER     465
    ```

    3. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 3, MT= 1 (0): Directory (b)

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 3, MT=  1
        SECTION  3/  1 NOT IN DIRECTORY              RECORD NUMBER     1265
    ```

    4. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 3, MT= 2 (0): Directory (b)

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 3, MT=  2
        SECTION  3/  2 NOT IN DIRECTORY              RECORD NUMBER     1281
    ```

    5. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 3, MT= 4 (0): Directory (b)

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 3, MT=  4
        SECTION  3/  4 NOT IN DIRECTORY              RECORD NUMBER     1315
    ```

    6. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 3, MT= 16 (0): Directory (b)

    ```
    ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 16
        SECTION  3/ 16 NOT IN DIRECTORY              RECORD NUMBER     1346
    ```

    7. Missing a section in directory so your directory is messed up. This error will break everything else
       MAT=6234, MF= 3, MT= 17 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 17
         SECTION  3/ 17 NOT IN DIRECTORY                RECORD NUMBER    1355
```

8. Missing a section in directory so your directory is messed up. This error will break everything else
   MAT=6234, MF= 3, MT= 22 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 22
         SECTION  3/ 22 NOT IN DIRECTORY                RECORD NUMBER    1362
```

9. Missing a section in directory so your directory is messed up. This error will break everything else
   MAT=6234, MF= 3, MT= 24 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 24
         SECTION  3/ 24 NOT IN DIRECTORY                RECORD NUMBER    1373
```

10. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 28 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 28
         SECTION  3/ 28 NOT IN DIRECTORY                RECORD NUMBER    1382
```

11. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 41 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 41
         SECTION  3/ 41 NOT IN DIRECTORY                RECORD NUMBER    1391
```

12. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 51 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 51
         SECTION  3/ 51 NOT IN DIRECTORY                RECORD NUMBER    1398
```

13. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 52 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 52
         SECTION  3/ 52 NOT IN DIRECTORY                RECORD NUMBER    1415
```

14. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 53 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 53
         SECTION  3/ 53 NOT IN DIRECTORY                RECORD NUMBER    1432
```

15. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 54 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 54
           SECTION  3/ 54 NOT IN DIRECTORY                  RECORD NUMBER    1447
```

16. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 55 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 55
           SECTION  3/ 55 NOT IN DIRECTORY                  RECORD NUMBER    1462
```

17. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 56 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 56
           SECTION  3/ 56 NOT IN DIRECTORY                  RECORD NUMBER    1476
```

18. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 57 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 57
           SECTION  3/ 57 NOT IN DIRECTORY                  RECORD NUMBER    1490
```

19. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 58 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 58
           SECTION  3/ 58 NOT IN DIRECTORY                  RECORD NUMBER    1505
```

20. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 59 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 59
           SECTION  3/ 59 NOT IN DIRECTORY                  RECORD NUMBER    1520
```

21. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 60 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 60
           SECTION  3/ 60 NOT IN DIRECTORY                  RECORD NUMBER    1535
```

22. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 61 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 61
           SECTION  3/ 61 NOT IN DIRECTORY                  RECORD NUMBER    1549
```

23. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 62 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 62
         SECTION  3/ 62 NOT IN DIRECTORY                 RECORD NUMBER    1563
```

24. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 63 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 63
         SECTION  3/ 63 NOT IN DIRECTORY                 RECORD NUMBER    1577
```

25. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 64 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 64
         SECTION  3/ 64 NOT IN DIRECTORY                 RECORD NUMBER    1591
```

26. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 65 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 65
         SECTION  3/ 65 NOT IN DIRECTORY                 RECORD NUMBER    1605
```

27. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 66 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 66
         SECTION  3/ 66 NOT IN DIRECTORY                 RECORD NUMBER    1619
```

28. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 67 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 67
         SECTION  3/ 67 NOT IN DIRECTORY                 RECORD NUMBER    1633
```

29. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 68 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 68
         SECTION  3/ 68 NOT IN DIRECTORY                 RECORD NUMBER    1647
```

30. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 69 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 69
         SECTION  3/ 69 NOT IN DIRECTORY                 RECORD NUMBER    1661
```

31. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 70 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 70
          SECTION  3/ 70 NOT IN DIRECTORY                RECORD NUMBER    1675
```

32. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 71 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 71
          SECTION  3/ 71 NOT IN DIRECTORY                RECORD NUMBER    1689
```

33. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 72 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 72
          SECTION  3/ 72 NOT IN DIRECTORY                RECORD NUMBER    1703
```

34. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 73 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 73
          SECTION  3/ 73 NOT IN DIRECTORY                RECORD NUMBER    1717
```

35. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 74 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 74
          SECTION  3/ 74 NOT IN DIRECTORY                RECORD NUMBER    1731
```

36. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 75 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 75
          SECTION  3/ 75 NOT IN DIRECTORY                RECORD NUMBER    1745
```

37. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 76 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 76
          SECTION  3/ 76 NOT IN DIRECTORY                RECORD NUMBER    1759
```

38. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 77 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 77
          SECTION  3/ 77 NOT IN DIRECTORY                RECORD NUMBER    1772
```

39. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 78 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 78
    SECTION  3/ 78 NOT IN DIRECTORY                RECORD NUMBER    1785
```

40. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 79 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 79
    SECTION  3/ 79 NOT IN DIRECTORY                RECORD NUMBER    1798
```

41. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 80 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 80
    SECTION  3/ 80 NOT IN DIRECTORY                RECORD NUMBER    1811
```

42. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 81 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 81
    SECTION  3/ 81 NOT IN DIRECTORY                RECORD NUMBER    1824
```

43. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 82 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 82
    SECTION  3/ 82 NOT IN DIRECTORY                RECORD NUMBER    1837
```

44. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 83 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 83
    SECTION  3/ 83 NOT IN DIRECTORY                RECORD NUMBER    1850
```

45. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 84 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 84
    SECTION  3/ 84 NOT IN DIRECTORY                RECORD NUMBER    1863
```

46. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 85 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 85
    SECTION  3/ 85 NOT IN DIRECTORY                RECORD NUMBER    1876
```

47. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT= 86 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 86
        SECTION  3/ 86 NOT IN DIRECTORY                RECORD NUMBER    1889
```

48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT= 87 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 87
        SECTION  3/ 87 NOT IN DIRECTORY                RECORD NUMBER    1902
```

49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT= 91 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT= 91
        SECTION  3/ 91 NOT IN DIRECTORY                RECORD NUMBER    1915
```

50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=102 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=102
        SECTION  3/102 NOT IN DIRECTORY                RECORD NUMBER    1932
```

51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=103 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=103
        SECTION  3/103 NOT IN DIRECTORY                RECORD NUMBER    1950
```

52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=107 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=107
        SECTION  3/107 NOT IN DIRECTORY                RECORD NUMBER    1968
```

53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=600 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=600
        SECTION  3/600 NOT IN DIRECTORY                RECORD NUMBER    2016
```

54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=601 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=601
        SECTION  3/601 NOT IN DIRECTORY                RECORD NUMBER    2031
```

55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=602 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=602
         SECTION  3/602 NOT IN DIRECTORY                 RECORD NUMBER    2046
```

56. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=603 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=603
         SECTION  3/603 NOT IN DIRECTORY                 RECORD NUMBER    2060
```

57. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=604 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=604
         SECTION  3/604 NOT IN DIRECTORY                 RECORD NUMBER    2073
```

58. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=605 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=605
         SECTION  3/605 NOT IN DIRECTORY                 RECORD NUMBER    2087
```

59. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=606 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=606
         SECTION  3/606 NOT IN DIRECTORY                 RECORD NUMBER    2101
```

60. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=607 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=607
         SECTION  3/607 NOT IN DIRECTORY                 RECORD NUMBER    2115
```

61. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=608 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=608
         SECTION  3/608 NOT IN DIRECTORY                 RECORD NUMBER    2129
```

62. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=609 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 3, MT=609
         SECTION  3/609 NOT IN DIRECTORY                 RECORD NUMBER    2142
```

63. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=610 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=610
           SECTION  3/610 NOT IN DIRECTORY                  RECORD NUMBER    2154
```

64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=611 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=611
           SECTION  3/611 NOT IN DIRECTORY                  RECORD NUMBER    2166
```

65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=612 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=612
           SECTION  3/612 NOT IN DIRECTORY                  RECORD NUMBER    2178
```

66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=613 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=613
           SECTION  3/613 NOT IN DIRECTORY                  RECORD NUMBER    2190
```

67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=614 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=614
           SECTION  3/614 NOT IN DIRECTORY                  RECORD NUMBER    2202
```

68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=615 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=615
           SECTION  3/615 NOT IN DIRECTORY                  RECORD NUMBER    2214
```

69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=616 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=616
           SECTION  3/616 NOT IN DIRECTORY                  RECORD NUMBER    2226
```

70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=617 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 3, MT=617
           SECTION  3/617 NOT IN DIRECTORY                  RECORD NUMBER    2238
```

71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 3, MT=618 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 3, MT=618
       SECTION  3/618 NOT IN DIRECTORY                    RECORD NUMBER    2250
```

72. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 3, MT=649 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 3, MT=649
       SECTION  3/649 NOT IN DIRECTORY                    RECORD NUMBER    2262
```

73. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 2 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT=  2
       SECTION  4/  2 NOT IN DIRECTORY                    RECORD NUMBER    2275
```

74. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 51 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 51
       SECTION  4/ 51 NOT IN DIRECTORY                    RECORD NUMBER    2412
```

75. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 52 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 52
       SECTION  4/ 52 NOT IN DIRECTORY                    RECORD NUMBER    2497
```

76. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 53 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 53
       SECTION  4/ 53 NOT IN DIRECTORY                    RECORD NUMBER    2580
```

77. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 54 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 54
       SECTION  4/ 54 NOT IN DIRECTORY                    RECORD NUMBER    2684
```

78. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 55 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 55
       SECTION  4/ 55 NOT IN DIRECTORY                    RECORD NUMBER    2755
```

79. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 56 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 56
            SECTION  4/ 56 NOT IN DIRECTORY                    RECORD NUMBER    2824
```

80. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 57 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 57
            SECTION  4/ 57 NOT IN DIRECTORY                    RECORD NUMBER    2927
```

81. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 58 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 58
            SECTION  4/ 58 NOT IN DIRECTORY                    RECORD NUMBER    2996
```

82. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 59 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 59
            SECTION  4/ 59 NOT IN DIRECTORY                    RECORD NUMBER    3063
```

83. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 60 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 60
            SECTION  4/ 60 NOT IN DIRECTORY                    RECORD NUMBER    3130
```

84. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 61 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 61
            SECTION  4/ 61 NOT IN DIRECTORY                    RECORD NUMBER    3197
```

85. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 62 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 62
            SECTION  4/ 62 NOT IN DIRECTORY                    RECORD NUMBER    3264
```

86. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 63 (0): Directory (b)

```
          ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 63
            SECTION  4/ 63 NOT IN DIRECTORY                    RECORD NUMBER    3329
```

87. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 64 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 64
          SECTION  4/ 64 NOT IN DIRECTORY                 RECORD NUMBER    3394
```

88. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 65 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 65
          SECTION  4/ 65 NOT IN DIRECTORY                 RECORD NUMBER    3459
```

89. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 66 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 66
          SECTION  4/ 66 NOT IN DIRECTORY                 RECORD NUMBER    3524
```

90. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 67 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 67
          SECTION  4/ 67 NOT IN DIRECTORY                 RECORD NUMBER    3589
```

91. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 68 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 68
          SECTION  4/ 68 NOT IN DIRECTORY                 RECORD NUMBER    3654
```

92. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 69 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 69
          SECTION  4/ 69 NOT IN DIRECTORY                 RECORD NUMBER    3719
```

93. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 70 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 70
          SECTION  4/ 70 NOT IN DIRECTORY                 RECORD NUMBER    3782
```

94. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 71 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 71
          SECTION  4/ 71 NOT IN DIRECTORY                 RECORD NUMBER    3845
```

95. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT= 72 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 72
        SECTION  4/ 72 NOT IN DIRECTORY                RECORD NUMBER    3908
```

96. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 73 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 73
        SECTION  4/ 73 NOT IN DIRECTORY                RECORD NUMBER    3971
```

97. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 74 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 74
        SECTION  4/ 74 NOT IN DIRECTORY                RECORD NUMBER    4034
```

98. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 75 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 75
        SECTION  4/ 75 NOT IN DIRECTORY                RECORD NUMBER    4095
```

99. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 76 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 76
        SECTION  4/ 76 NOT IN DIRECTORY                RECORD NUMBER    4156
```

100. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 77 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 77
        SECTION  4/ 77 NOT IN DIRECTORY                RECORD NUMBER    4215
```

101. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 78 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 78
        SECTION  4/ 78 NOT IN DIRECTORY                RECORD NUMBER    4274
```

102. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 79 (0): Directory (b)$

```
     ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 79
        SECTION  4/ 79 NOT IN DIRECTORY                RECORD NUMBER    4333
```

103. Missing a section in directory so your directory is messed up. This error will break everything else
 $MAT=6234, MF= 4, MT= 80 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 80
           SECTION  4/ 80 NOT IN DIRECTORY                RECORD NUMBER   4392
```

104. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 81 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 81
           SECTION  4/ 81 NOT IN DIRECTORY                RECORD NUMBER   4449
```

105. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 82 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 82
           SECTION  4/ 82 NOT IN DIRECTORY                RECORD NUMBER   4506
```

106. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 83 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 83
           SECTION  4/ 83 NOT IN DIRECTORY                RECORD NUMBER   4563
```

107. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 84 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 84
           SECTION  4/ 84 NOT IN DIRECTORY                RECORD NUMBER   4620
```

108. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 85 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 85
           SECTION  4/ 85 NOT IN DIRECTORY                RECORD NUMBER   4677
```

109. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 86 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 86
           SECTION  4/ 86 NOT IN DIRECTORY                RECORD NUMBER   4734
```

110. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT= 87 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT= 87
           SECTION  4/ 87 NOT IN DIRECTORY                RECORD NUMBER   4791
```

111. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT=600 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=600
         SECTION  4/600 NOT IN DIRECTORY                RECORD NUMBER    4848
```

112. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=601 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=601
         SECTION  4/601 NOT IN DIRECTORY                RECORD NUMBER    4915
```

113. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=602 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=602
         SECTION  4/602 NOT IN DIRECTORY                RECORD NUMBER    4982
```

114. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=603 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=603
         SECTION  4/603 NOT IN DIRECTORY                RECORD NUMBER    5049
```

115. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=604 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=604
         SECTION  4/604 NOT IN DIRECTORY                RECORD NUMBER    5116
```

116. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=605 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=605
         SECTION  4/605 NOT IN DIRECTORY                RECORD NUMBER    5183
```

117. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=606 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=606
         SECTION  4/606 NOT IN DIRECTORY                RECORD NUMBER    5250
```

118. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=607 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=607
         SECTION  4/607 NOT IN DIRECTORY                RECORD NUMBER    5317
```

119. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF= 4, MT=608 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=608
         SECTION  4/608 NOT IN DIRECTORY                RECORD NUMBER    5384
```

120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=609 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=609
         SECTION  4/609 NOT IN DIRECTORY                RECORD NUMBER    5451
```

121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=610 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=610
         SECTION  4/610 NOT IN DIRECTORY                RECORD NUMBER    5516
```

122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=611 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=611
         SECTION  4/611 NOT IN DIRECTORY                RECORD NUMBER    5581
```

123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=612 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=612
         SECTION  4/612 NOT IN DIRECTORY                RECORD NUMBER    5646
```

124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=613 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=613
         SECTION  4/613 NOT IN DIRECTORY                RECORD NUMBER    5711
```

125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=614 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=614
         SECTION  4/614 NOT IN DIRECTORY                RECORD NUMBER    5776
```

126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=615 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF= 4, MT=615
         SECTION  4/615 NOT IN DIRECTORY                RECORD NUMBER    5841
```

127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF= 4, MT=616 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT=616
            SECTION  4/616 NOT IN DIRECTORY                    RECORD NUMBER    5906
```

128. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT=617 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT=617
            SECTION  4/617 NOT IN DIRECTORY                    RECORD NUMBER    5971
```

129. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 4, MT=618 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 4, MT=618
            SECTION  4/618 NOT IN DIRECTORY                    RECORD NUMBER    6036
```

130. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 16 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 16
            SECTION  6/ 16 NOT IN DIRECTORY                    RECORD NUMBER    6102
```

131. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 17 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 17
            SECTION  6/ 17 NOT IN DIRECTORY                    RECORD NUMBER    7895
```

132. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 22 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 22
            SECTION  6/ 22 NOT IN DIRECTORY                    RECORD NUMBER    8111
```

133. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 24 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 24
            SECTION  6/ 24 NOT IN DIRECTORY                    RECORD NUMBER   11670
```

134. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 28 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 28
            SECTION  6/ 28 NOT IN DIRECTORY                    RECORD NUMBER   12697
```

135. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF= 6, MT= 41 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 41
           SECTION  6/ 41 NOT IN DIRECTORY                  RECORD NUMBER   14105
```

136. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF= 6, MT= 91 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT= 91
           SECTION  6/ 91 NOT IN DIRECTORY                  RECORD NUMBER   14380
```

137. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF= 6, MT=102 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT=102
           SECTION  6/102 NOT IN DIRECTORY                  RECORD NUMBER   19346
```

138. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF= 6, MT=649 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF= 6, MT=649
           SECTION  6/649 NOT IN DIRECTORY                  RECORD NUMBER   21405
```

139. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF=12, MT= 51 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 51
           SECTION 12/ 51 NOT IN DIRECTORY                  RECORD NUMBER   22924
```

140. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF=12, MT= 52 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 52
           SECTION 12/ 52 NOT IN DIRECTORY                  RECORD NUMBER   22928
```

141. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF=12, MT= 53 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 53
           SECTION 12/ 53 NOT IN DIRECTORY                  RECORD NUMBER   22932
```

142. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF=12, MT= 54 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 54
           SECTION 12/ 54 NOT IN DIRECTORY                  RECORD NUMBER   22936
```

143. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6234, MF=12, MT= 55 (0): Directory (b)$

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```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 55
          SECTION 12/ 55 NOT IN DIRECTORY                    RECORD NUMBER    22940
```

144. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 56 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 56
          SECTION 12/ 56 NOT IN DIRECTORY                    RECORD NUMBER    22944
```

145. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 57 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 57
          SECTION 12/ 57 NOT IN DIRECTORY                    RECORD NUMBER    22948
```

146. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 58 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 58
          SECTION 12/ 58 NOT IN DIRECTORY                    RECORD NUMBER    22952
```

147. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 59 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 59
          SECTION 12/ 59 NOT IN DIRECTORY                    RECORD NUMBER    22956
```

148. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 60 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 60
          SECTION 12/ 60 NOT IN DIRECTORY                    RECORD NUMBER    22960
```

149. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 61 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 61
          SECTION 12/ 61 NOT IN DIRECTORY                    RECORD NUMBER    22964
```

150. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 62 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 62
          SECTION 12/ 62 NOT IN DIRECTORY                    RECORD NUMBER    22968
```

151. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 63 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 63
         SECTION 12/ 63 NOT IN DIRECTORY                RECORD NUMBER   22972
```

152. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 64 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 64
         SECTION 12/ 64 NOT IN DIRECTORY                RECORD NUMBER   22976
```

153. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 65 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 65
         SECTION 12/ 65 NOT IN DIRECTORY                RECORD NUMBER   22980
```

154. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 66 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 66
         SECTION 12/ 66 NOT IN DIRECTORY                RECORD NUMBER   22985
```

155. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 67 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 67
         SECTION 12/ 67 NOT IN DIRECTORY                RECORD NUMBER   22989
```

156. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 68 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 68
         SECTION 12/ 68 NOT IN DIRECTORY                RECORD NUMBER   22993
```

157. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 69 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 69
         SECTION 12/ 69 NOT IN DIRECTORY                RECORD NUMBER   22998
```

158. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 70 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=12, MT= 70
         SECTION 12/ 70 NOT IN DIRECTORY                RECORD NUMBER   23002
```

159. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT= 71 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 71
        SECTION 12/ 71 NOT IN DIRECTORY                    RECORD NUMBER    23006
```

160. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 72$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 72
        SECTION 12/ 72 NOT IN DIRECTORY                    RECORD NUMBER    23010
```

161. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 73$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 73
        SECTION 12/ 73 NOT IN DIRECTORY                    RECORD NUMBER    23014
```

162. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 74$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 74
        SECTION 12/ 74 NOT IN DIRECTORY                    RECORD NUMBER    23018
```

163. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 75$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 75
        SECTION 12/ 75 NOT IN DIRECTORY                    RECORD NUMBER    23022
```

164. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 76$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 76
        SECTION 12/ 76 NOT IN DIRECTORY                    RECORD NUMBER    23026
```

165. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 77$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 77
        SECTION 12/ 77 NOT IN DIRECTORY                    RECORD NUMBER    23030
```

166. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 78$ (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT= 78
        SECTION 12/ 78 NOT IN DIRECTORY                    RECORD NUMBER    23034
```

167. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT=6234, MF=12, MT= 79$ (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 79
             SECTION 12/ 79 NOT IN DIRECTORY                  RECORD NUMBER    23038
```

168. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 80 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 80
             SECTION 12/ 80 NOT IN DIRECTORY                  RECORD NUMBER    23042
```

169. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 81 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 81
             SECTION 12/ 81 NOT IN DIRECTORY                  RECORD NUMBER    23046
```

170. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 82 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 82
             SECTION 12/ 82 NOT IN DIRECTORY                  RECORD NUMBER    23050
```

171. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 83 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 83
             SECTION 12/ 83 NOT IN DIRECTORY                  RECORD NUMBER    23055
```

172. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 84 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 84
             SECTION 12/ 84 NOT IN DIRECTORY                  RECORD NUMBER    23060
```

173. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 85 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 85
             SECTION 12/ 85 NOT IN DIRECTORY                  RECORD NUMBER    23064
```

174. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 86 (0): Directory (b)

```
         ERROR(S) FOUND IN MAT=6234, MF=12, MT= 86
             SECTION 12/ 86 NOT IN DIRECTORY                  RECORD NUMBER    23068
```

175. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT= 87 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT= 87
           SECTION 12/ 87 NOT IN DIRECTORY                    RECORD NUMBER    23072
```

176. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=601 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=601
           SECTION 12/601 NOT IN DIRECTORY                    RECORD NUMBER    23076
```

177. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=602 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=602
           SECTION 12/602 NOT IN DIRECTORY                    RECORD NUMBER    23080
```

178. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=603 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=603
           SECTION 12/603 NOT IN DIRECTORY                    RECORD NUMBER    23084
```

179. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=604 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=604
           SECTION 12/604 NOT IN DIRECTORY                    RECORD NUMBER    23088
```

180. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=605 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=605
           SECTION 12/605 NOT IN DIRECTORY                    RECORD NUMBER    23092
```

181. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=606 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=606
           SECTION 12/606 NOT IN DIRECTORY                    RECORD NUMBER    23096
```

182. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=607 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=12, MT=607
           SECTION 12/607 NOT IN DIRECTORY                    RECORD NUMBER    23100
```

183. Missing a section in directory so your directory is messed up. This error will break everything else
  MAT=6234, MF=12, MT=608 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=608
        SECTION 12/608 NOT IN DIRECTORY                 RECORD NUMBER    23104
```

184. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=609 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=609
        SECTION 12/609 NOT IN DIRECTORY                 RECORD NUMBER    23108
```

185. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=610 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=610
        SECTION 12/610 NOT IN DIRECTORY                 RECORD NUMBER    23112
```

186. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=611 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=611
        SECTION 12/611 NOT IN DIRECTORY                 RECORD NUMBER    23116
```

187. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=612 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=612
        SECTION 12/612 NOT IN DIRECTORY                 RECORD NUMBER    23120
```

188. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=613 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=613
        SECTION 12/613 NOT IN DIRECTORY                 RECORD NUMBER    23124
```

189. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=614 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=614
        SECTION 12/614 NOT IN DIRECTORY                 RECORD NUMBER    23128
```

190. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=615 (0): Directory (b)

```
     ERROR(S) FOUND IN MAT=6234, MF=12, MT=615
        SECTION 12/615 NOT IN DIRECTORY                 RECORD NUMBER    23132
```

191. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=12, MT=616 (0): Directory (b)

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```
ERROR(S) FOUND IN MAT=6234, MF=12, MT=616
     SECTION 12/616 NOT IN DIRECTORY                    RECORD NUMBER    23136
```

192. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT=617 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=12, MT=617
     SECTION 12/617 NOT IN DIRECTORY                    RECORD NUMBER    23141
```

193. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=12, MT=618 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=12, MT=618
     SECTION 12/618 NOT IN DIRECTORY                    RECORD NUMBER    23145
```

194. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 51 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 51
     SECTION 14/ 51 NOT IN DIRECTORY                    RECORD NUMBER    23150
```

195. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 52 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 52
     SECTION 14/ 52 NOT IN DIRECTORY                    RECORD NUMBER    23152
```

196. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 53 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 53
     SECTION 14/ 53 NOT IN DIRECTORY                    RECORD NUMBER    23154
```

197. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 54 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 54
     SECTION 14/ 54 NOT IN DIRECTORY                    RECORD NUMBER    23156
```

198. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 55 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 55
     SECTION 14/ 55 NOT IN DIRECTORY                    RECORD NUMBER    23158
```

199. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 56 (0): Directory (b)

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```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 56
          SECTION 14/ 56 NOT IN DIRECTORY                    RECORD NUMBER   23160
```

200. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 57 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 57
          SECTION 14/ 57 NOT IN DIRECTORY                    RECORD NUMBER   23162
```

201. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 58 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 58
          SECTION 14/ 58 NOT IN DIRECTORY                    RECORD NUMBER   23164
```

202. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 59 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 59
          SECTION 14/ 59 NOT IN DIRECTORY                    RECORD NUMBER   23166
```

203. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 60 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 60
          SECTION 14/ 60 NOT IN DIRECTORY                    RECORD NUMBER   23168
```

204. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 61 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 61
          SECTION 14/ 61 NOT IN DIRECTORY                    RECORD NUMBER   23170
```

205. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 62 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 62
          SECTION 14/ 62 NOT IN DIRECTORY                    RECORD NUMBER   23172
```

206. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 63 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 63
          SECTION 14/ 63 NOT IN DIRECTORY                    RECORD NUMBER   23174
```

207. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 64 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 64
         SECTION 14/ 64 NOT IN DIRECTORY                    RECORD NUMBER   23176
```

208. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 65 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 65
         SECTION 14/ 65 NOT IN DIRECTORY                    RECORD NUMBER   23178
```

209. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 66 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 66
         SECTION 14/ 66 NOT IN DIRECTORY                    RECORD NUMBER   23180
```

210. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 67 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 67
         SECTION 14/ 67 NOT IN DIRECTORY                    RECORD NUMBER   23182
```

211. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 68 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 68
         SECTION 14/ 68 NOT IN DIRECTORY                    RECORD NUMBER   23184
```

212. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 69 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 69
         SECTION 14/ 69 NOT IN DIRECTORY                    RECORD NUMBER   23186
```

213. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 70 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 70
         SECTION 14/ 70 NOT IN DIRECTORY                    RECORD NUMBER   23188
```

214. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 71 (0): Directory (b)

```
       ERROR(S) FOUND IN MAT=6234, MF=14, MT= 71
         SECTION 14/ 71 NOT IN DIRECTORY                    RECORD NUMBER   23190
```

215. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 72 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 72
          SECTION 14/ 72 NOT IN DIRECTORY                  RECORD NUMBER   23192
```

216. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 73 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 73
          SECTION 14/ 73 NOT IN DIRECTORY                  RECORD NUMBER   23194
```

217. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 74 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 74
          SECTION 14/ 74 NOT IN DIRECTORY                  RECORD NUMBER   23196
```

218. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 75 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 75
          SECTION 14/ 75 NOT IN DIRECTORY                  RECORD NUMBER   23198
```

219. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 76 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 76
          SECTION 14/ 76 NOT IN DIRECTORY                  RECORD NUMBER   23200
```

220. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 77 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 77
          SECTION 14/ 77 NOT IN DIRECTORY                  RECORD NUMBER   23202
```

221. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 78 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 78
          SECTION 14/ 78 NOT IN DIRECTORY                  RECORD NUMBER   23204
```

222. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 79 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT= 79
          SECTION 14/ 79 NOT IN DIRECTORY                  RECORD NUMBER   23206
```

223. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 80 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 80
    SECTION 14/ 80 NOT IN DIRECTORY                    RECORD NUMBER    23208
```

224. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 81 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 81
    SECTION 14/ 81 NOT IN DIRECTORY                    RECORD NUMBER    23210
```

225. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 82 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 82
    SECTION 14/ 82 NOT IN DIRECTORY                    RECORD NUMBER    23212
```

226. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 83 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 83
    SECTION 14/ 83 NOT IN DIRECTORY                    RECORD NUMBER    23214
```

227. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 84 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 84
    SECTION 14/ 84 NOT IN DIRECTORY                    RECORD NUMBER    23216
```

228. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 85 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 85
    SECTION 14/ 85 NOT IN DIRECTORY                    RECORD NUMBER    23218
```

229. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 86 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 86
    SECTION 14/ 86 NOT IN DIRECTORY                    RECORD NUMBER    23220
```

230. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT= 87 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6234, MF=14, MT= 87
    SECTION 14/ 87 NOT IN DIRECTORY                    RECORD NUMBER    23222
```

231. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=601 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=601
        SECTION 14/601 NOT IN DIRECTORY                 RECORD NUMBER   23224
```

232. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=602 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=602
        SECTION 14/602 NOT IN DIRECTORY                 RECORD NUMBER   23226
```

233. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=603 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=603
        SECTION 14/603 NOT IN DIRECTORY                 RECORD NUMBER   23228
```

234. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=604 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=604
        SECTION 14/604 NOT IN DIRECTORY                 RECORD NUMBER   23230
```

235. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=605 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=605
        SECTION 14/605 NOT IN DIRECTORY                 RECORD NUMBER   23232
```

236. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=606 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=606
        SECTION 14/606 NOT IN DIRECTORY                 RECORD NUMBER   23234
```

237. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=607 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=607
        SECTION 14/607 NOT IN DIRECTORY                 RECORD NUMBER   23236
```

238. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=608 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6234, MF=14, MT=608
        SECTION 14/608 NOT IN DIRECTORY                 RECORD NUMBER   23238
```

239. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=6234, MF=14, MT=609 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=609
            SECTION 14/609 NOT IN DIRECTORY                  RECORD NUMBER    23240
```

240. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=610 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=610
            SECTION 14/610 NOT IN DIRECTORY                  RECORD NUMBER    23242
```

241. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=611 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=611
            SECTION 14/611 NOT IN DIRECTORY                  RECORD NUMBER    23244
```

242. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=612 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=612
            SECTION 14/612 NOT IN DIRECTORY                  RECORD NUMBER    23246
```

243. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=613 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=613
            SECTION 14/613 NOT IN DIRECTORY                  RECORD NUMBER    23248
```

244. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=614 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=614
            SECTION 14/614 NOT IN DIRECTORY                  RECORD NUMBER    23250
```

245. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=615 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=615
            SECTION 14/615 NOT IN DIRECTORY                  RECORD NUMBER    23252
```

246. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=616 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=616
            SECTION 14/616 NOT IN DIRECTORY                  RECORD NUMBER    23254
```

247. Missing a section in directory so your directory is messed up. This error will break everything else
    MAT=6234, MF=14, MT=617 (0): Directory (b)

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```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=617
            SECTION 14/617 NOT IN DIRECTORY                  RECORD NUMBER   23256
```

248. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6234, MF=14, MT=618 (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6234, MF=14, MT=618
            SECTION 14/618 NOT IN DIRECTORY                  RECORD NUMBER   23258
```

- `psyche` Warnings:

  1. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 4.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.31276E+01 SHOULD BE 7.79438E+00 (0): URR dens. (a)

```
FILE  2
    SECTION 151
        ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  4.80000E-04
                  ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  4.80000E-04
                              DENSITY  1.31276E+01 SHOULD BE  7.79438E+00
```

  2. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.31274E+01 SHOULD BE 7.79424E+00 (0): URR dens. (a)

```
FILE  2
    SECTION 151
        ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                     DENSITY  1.31274E+01 SHOULD BE  7.79424E+00
```

  3. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.31175E+01 SHOULD BE 7.78840E+00 (0): URR dens. (a)

```
FILE  2
    SECTION 151
        ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  4.80000E-04
                     DENSITY  1.31175E+01 SHOULD BE  7.78840E+00
```

  4. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.31077E+01 SHOULD BE 7.78256E+00 (0): URR dens. (a)

```
FILE  2
    SECTION 151
        ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                     DENSITY  1.31077E+01 SHOULD BE  7.78256E+00
```

  5. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30979E+01 SHOULD BE 7.77673E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30979E+01 SHOULD BE  7.77673E+00
```

6. Level density in URR not in agreement with PSYCHE's expectations
   FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30881E+01 SHOULD BE 7.77092E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30881E+01 SHOULD BE  7.77092E+00
```

7. Level density in URR not in agreement with PSYCHE's expectations
   FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30782E+01 SHOULD BE 7.76507E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30782E+01 SHOULD BE  7.76507E+00
```

8. Level density in URR not in agreement with PSYCHE's expectations
   FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30685E+01 SHOULD BE 7.75926E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30685E+01 SHOULD BE  7.75926E+00
```

9. Level density in URR not in agreement with PSYCHE's expectations
   FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30489E+01 SHOULD BE 7.74765E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30489E+01 SHOULD BE  7.74765E+00
```

10. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30294E+01 SHOULD BE 7.73605E+00 (0): URR dens. (a)

```
      FILE  2
         SECTION 151
                ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                             DENSITY  1.30294E+01 SHOULD BE  7.73605E+00
```

11. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.30099E+01 SHOULD BE 7.72446E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.30099E+01 SHOULD BE  7.72446E+00
```

12. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.29904E+01 SHOULD BE 7.71290E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.29904E+01 SHOULD BE  7.71290E+00
```

13. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.29709E+01 SHOULD BE 7.70135E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.29709E+01 SHOULD BE  7.70135E+00
```

14. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.29515E+01 SHOULD BE 7.68981E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.29515E+01 SHOULD BE  7.68981E+00
```

15. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.29321E+01 SHOULD BE 7.67831E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.29321E+01 SHOULD BE  7.67831E+00
```

16. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.29128E+01 SHOULD BE 7.66682E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  4.80000E-04
                           DENSITY  1.29128E+01 SHOULD BE  7.66682E+00
```

17. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 1.28934E+01 SHOULD BE 7.65533E+00 (0): URR dens. (a)

```
          FILE  2
            SECTION 151
                     ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  4.80000E-04
                              DENSITY  1.28934E+01 SHOULD BE  7.65533E+00
```

18. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS
    4.80000E-04 / DENSITY 1.28741E+01 SHOULD BE 7.64388E+00 (0): URR dens. (a)

```
          FILE  2
            SECTION 151
                     ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  4.80000E-04
                              DENSITY  1.28741E+01 SHOULD BE  7.64388E+00
```

19. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
    4.80000E-04 / DENSITY 1.28549E+01 SHOULD BE 7.63244E+00 (0): URR dens. (a)

```
          FILE  2
            SECTION 151
                     ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  4.80000E-04
                              DENSITY  1.28549E+01 SHOULD BE  7.63244E+00
```

20. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
    4.80000E-04 / DENSITY 1.28356E+01 SHOULD BE 7.62102E+00 (0): URR dens. (a)

```
          FILE  2
            SECTION 151
                     ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  4.80000E-04
                              DENSITY  1.28356E+01 SHOULD BE  7.62102E+00
```

21. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / TOTAL OF 46 POINTS IN ERROR FOR THIS J-STATE
    (0): URR dens. (b)

```
          FILE  2
            SECTION 151
                     TOTAL OF    46 POINTS IN ERROR FOR THIS J-STATE
                     TOTAL OF    46 POINTS IN ERROR FOR THIS J-STATE
                     TOTAL OF    46 POINTS IN ERROR FOR THIS J-STATE
          ... [6 more lines]
```

22. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
    9.00000E-05 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 9.00000E-05 /
    DENSITY 1.00213E+01 SHOULD BE 6.77833E+00 (0): URR dens. (a)

```
          FILE  2
            SECTION 151
                  ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                          ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                                   DENSITY  1.00213E+01 SHOULD BE  6.77833E+00
```

23. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.00212E+01 SHOULD BE 6.77822E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  1.00212E+01 SHOULD BE  6.77822E+00
```

24. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 1.00137E+01 SHOULD BE 6.77313E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  1.00137E+01 SHOULD BE  6.77313E+00
```

25. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 1.00062E+01 SHOULD BE 6.76805E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  1.00062E+01 SHOULD BE  6.76805E+00
```

26. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.99866E+00 SHOULD BE 6.76299E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  9.99866E+00 SHOULD BE  6.76299E+00
```

27. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.99118E+00 SHOULD BE 6.75793E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  9.99118E+00 SHOULD BE  6.75793E+00
```

28. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.98367E+00 SHOULD BE 6.75284E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  9.98367E+00 SHOULD BE  6.75284E+00
```

29. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.97619E+00 SHOULD BE 6.74779E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.97619E+00 SHOULD BE  6.74779E+00
```

30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.96127E+00 SHOULD BE 6.73770E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.96127E+00 SHOULD BE  6.73770E+00
```

31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.94635E+00 SHOULD BE 6.72760E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.94635E+00 SHOULD BE  6.72760E+00
```

32. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.93145E+00 SHOULD BE 6.71753E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.93145E+00 SHOULD BE  6.71753E+00
```

33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.91659E+00 SHOULD BE 6.70748E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.91659E+00 SHOULD BE  6.70748E+00
```

34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.90174E+00 SHOULD BE 6.69743E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  9.90174E+00 SHOULD BE  6.69743E+00
```

35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 9.88690E+00 SHOULD BE 6.68740E+00 (0): URR dens. (a)

```
FILE   2
   SECTION 151
          ENERGY =  1.10000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.88690E+00 SHOULD BE   6.68740E+00
```

36. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.87211E+00 SHOULD BE 6.67739E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
          ENERGY =  1.20000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.87211E+00 SHOULD BE   6.67739E+00
```

37. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.85734E+00 SHOULD BE 6.66740E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
          ENERGY =  1.30000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.85734E+00 SHOULD BE   6.66740E+00
```

38. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.84257E+00 SHOULD BE 6.65741E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
          ENERGY =  1.40000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.84257E+00 SHOULD BE   6.65741E+00
```

39. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.82785E+00 SHOULD BE 6.64745E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
          ENERGY =  1.50000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.82785E+00 SHOULD BE   6.64745E+00
```

40. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.81314E+00 SHOULD BE 6.63750E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
          ENERGY =  1.60000E+04. STRENGTH FUNCTION IS   9.00000E-05
                         DENSITY   9.81314E+00 SHOULD BE   6.63750E+00
```

41. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
9.00000E-05 / DENSITY 9.79846E+00 SHOULD BE 6.62757E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  9.79846E+00 SHOULD BE  6.62757E+00
```

42. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
    9.00000E-05 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 9.00000E-05 /
    DENSITY 1.31276E+01 SHOULD BE 5.27203E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
        ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                 ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.31276E+01 SHOULD BE  5.27203E+00
```

43. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.31274E+01 SHOULD BE 5.27195E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.31274E+01 SHOULD BE  5.27195E+00
```

44. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.31175E+01 SHOULD BE 5.26799E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.31175E+01 SHOULD BE  5.26799E+00
```

45. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.31077E+01 SHOULD BE 5.26404E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.31077E+01 SHOULD BE  5.26404E+00
```

46. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.30979E+01 SHOULD BE 5.26010E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.30979E+01 SHOULD BE  5.26010E+00
```

47. Level density in URR not in agreement with PSYCHE's expectations
    FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.30881E+01 SHOULD BE 5.25616E+00 (0): URR dens. (a)

39

```
FILE  2
   SECTION 151
         ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  1.30881E+01 SHOULD BE  5.25616E+00
```

48. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.30783E+01 SHOULD BE 5.25221E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  1.30783E+01 SHOULD BE  5.25221E+00
```

49. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.30685E+01 SHOULD BE 5.24828E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  1.30685E+01 SHOULD BE  5.24828E+00
```

50. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.30489E+01 SHOULD BE 5.24043E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  1.30489E+01 SHOULD BE  5.24043E+00
```

51. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 9.00001E-05 / DENSITY 1.30294E+01 SHOULD BE 5.23258E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  9.00001E-05
                        DENSITY  1.30294E+01 SHOULD BE  5.23258E+00
```

52. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.30099E+01 SHOULD BE 5.22474E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                        DENSITY  1.30099E+01 SHOULD BE  5.22474E+00
```

53. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.29904E+01 SHOULD BE 5.21693E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.29904E+01 SHOULD BE  5.21693E+00
```

54. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.29709E+01 SHOULD BE 5.20911E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.29709E+01 SHOULD BE  5.20911E+00
```

55. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.29515E+01 SHOULD BE 5.20131E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.29515E+01 SHOULD BE  5.20131E+00
```

56. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.29321E+01 SHOULD BE 5.19353E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.29321E+01 SHOULD BE  5.19353E+00
```

57. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.29128E+01 SHOULD BE 5.18576E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.29128E+01 SHOULD BE  5.18576E+00
```

58. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.28934E+01 SHOULD BE 5.17799E+00 (0): URR dens. (a)

```
FILE   2
    SECTION 151
            ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.28934E+01 SHOULD BE  5.17799E+00
```

59. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 1.28741E+01 SHOULD BE 5.17024E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.28741E+01 SHOULD BE  5.17024E+00
```

60. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.28549E+01 SHOULD BE 5.16250E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.28549E+01 SHOULD BE  5.16250E+00
```

61. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 1.28356E+01 SHOULD BE 5.15478E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  1.28356E+01 SHOULD BE  5.15478E+00
```

62. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
    9.00000E-05 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 9.00000E-05 /
    DENSITY 2.06082E+01 SHOULD BE 4.31348E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                 ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  2.06082E+01 SHOULD BE  4.31348E+00
```

63. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 2.06079E+01 SHOULD BE 4.31341E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  2.06079E+01 SHOULD BE  4.31341E+00
```

64. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 2.05924E+01 SHOULD BE 4.31017E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                            DENSITY  2.05924E+01 SHOULD BE  4.31017E+00
```

65. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
    9.00000E-05 / DENSITY 2.05770E+01 SHOULD BE 4.30694E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.05770E+01 SHOULD BE  4.30694E+00
```

66. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.05616E+01 SHOULD BE 4.30372E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.05616E+01 SHOULD BE  4.30372E+00
```

67. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.05462E+01 SHOULD BE 4.30050E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.05462E+01 SHOULD BE  4.30050E+00
```

68. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.05308E+01 SHOULD BE 4.29726E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.05308E+01 SHOULD BE  4.29726E+00
```

69. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.05154E+01 SHOULD BE 4.29405E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.05154E+01 SHOULD BE  4.29405E+00
```

70. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.04847E+01 SHOULD BE 4.28762E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.04847E+01 SHOULD BE  4.28762E+00
```

71. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.04540E+01 SHOULD BE 4.28120E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.04540E+01 SHOULD BE  4.28120E+00
```

72. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.04234E+01 SHOULD BE 4.27479E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.04234E+01 SHOULD BE  4.27479E+00
```

73. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.03928E+01 SHOULD BE 4.26839E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.03928E+01 SHOULD BE  4.26839E+00
```

74. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.03623E+01 SHOULD BE 4.26200E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.03623E+01 SHOULD BE  4.26200E+00
```

75. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.03318E+01 SHOULD BE 4.25562E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.03318E+01 SHOULD BE  4.25562E+00
```

76. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.03014E+01 SHOULD BE 4.24925E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  9.00000E-05
                          DENSITY  2.03014E+01 SHOULD BE  4.24925E+00
```

77. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.02710E+01 SHOULD BE 4.24289E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  9.00000E-05
                           DENSITY  2.02710E+01 SHOULD BE  4.24289E+00
```

78. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.02406E+01 SHOULD BE 4.23653E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  9.00000E-05
                           DENSITY  2.02406E+01 SHOULD BE  4.23653E+00
```

79. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.02103E+01 SHOULD BE 4.23020E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  9.00000E-05
                           DENSITY  2.02103E+01 SHOULD BE  4.23020E+00
```

80. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.01801E+01 SHOULD BE 4.22387E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  9.00000E-05
                           DENSITY  2.01801E+01 SHOULD BE  4.22387E+00
```

81. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 9.00000E-05 / DENSITY 2.01499E+01 SHOULD BE 4.21755E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  9.00000E-05
                           DENSITY  2.01499E+01 SHOULD BE  4.21755E+00
```

82. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.48966E+00 SHOULD BE 7.31221E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
        ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
               ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.48966E+00 SHOULD BE  7.31221E+00
```

83. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.48950E+00 SHOULD BE 7.31209E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.48950E+00 SHOULD BE  7.31209E+00
```

84. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.48238E+00 SHOULD BE 7.30660E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.48238E+00 SHOULD BE  7.30660E+00
```

85. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.47527E+00 SHOULD BE 7.30112E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.47527E+00 SHOULD BE  7.30112E+00
```

86. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.46818E+00 SHOULD BE 7.29566E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.46818E+00 SHOULD BE  7.29566E+00
```

87. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.46110E+00 SHOULD BE 7.29020E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.46110E+00 SHOULD BE  7.29020E+00
```

88. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.45398E+00 SHOULD BE 7.28471E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.45398E+00 SHOULD BE  7.28471E+00
```

89. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.44691E+00 SHOULD BE 7.27927E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.44691E+00 SHOULD BE  7.27927E+00
```

90. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.43277E+00 SHOULD BE 7.26838E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.43277E+00 SHOULD BE  7.26838E+00
```

91. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.41865E+00 SHOULD BE 7.25749E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.41865E+00 SHOULD BE  7.25749E+00
```

92. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.40454E+00 SHOULD BE 7.24662E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.40454E+00 SHOULD BE  7.24662E+00
```

93. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.39047E+00 SHOULD BE 7.23577E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.39047E+00 SHOULD BE  7.23577E+00
```

94. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.37640E+00 SHOULD BE 7.22494E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  9.37640E+00 SHOULD BE  7.22494E+00
```

95. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS
    1.80000E-04 / DENSITY 9.36235E+00 SHOULD BE 7.21411E+00 (0): URR dens. (a)*

47

```
FILE  2
   SECTION 151
           ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.36235E+00 SHOULD BE  7.21411E+00
```

96. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.34835E+00 SHOULD BE 7.20332E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.34835E+00 SHOULD BE  7.20332E+00
```

97. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.33436E+00 SHOULD BE 7.19254E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.33436E+00 SHOULD BE  7.19254E+00
```

98. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.32038E+00 SHOULD BE 7.18177E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.32038E+00 SHOULD BE  7.18177E+00
```

99. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.30643E+00 SHOULD BE 7.17102E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.30643E+00 SHOULD BE  7.17102E+00
```

100. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.29251E+00 SHOULD BE 7.16029E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.29251E+00 SHOULD BE  7.16029E+00
```

101. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.27860E+00 SHOULD BE 7.14958E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  9.27860E+00 SHOULD BE  7.14958E+00
```

102. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
1.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 /
DENSITY 1.00213E+01 SHOULD BE 5.22300E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
       ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
               ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  1.00213E+01 SHOULD BE  5.22300E+00
```

103. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 1.00212E+01 SHOULD BE 5.22292E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  1.00212E+01 SHOULD BE  5.22292E+00
```

104. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 1.00137E+01 SHOULD BE 5.21900E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  1.00137E+01 SHOULD BE  5.21900E+00
```

105. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 1.00062E+01 SHOULD BE 5.21508E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  1.00062E+01 SHOULD BE  5.21508E+00
```

106. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.99866E+00 SHOULD BE 5.21118E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  9.99866E+00 SHOULD BE  5.21118E+00
```

107. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 9.99118E+00 SHOULD BE 5.20728E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.99118E+00 SHOULD BE  5.20728E+00
```

108. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.98367E+00 SHOULD BE 5.20337E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.98367E+00 SHOULD BE  5.20337E+00
```

109. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.97619E+00 SHOULD BE 5.19948E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.97619E+00 SHOULD BE  5.19948E+00
```

110. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.96127E+00 SHOULD BE 5.19170E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.96127E+00 SHOULD BE  5.19170E+00
```

111. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.94635E+00 SHOULD BE 5.18392E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.94635E+00 SHOULD BE  5.18392E+00
```

112. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.93145E+00 SHOULD BE 5.17616E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.93145E+00 SHOULD BE  5.17616E+00
```

113. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.91659E+00 SHOULD BE 5.16841E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.91659E+00 SHOULD BE  5.16841E+00
```

114. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.90174E+00 SHOULD BE 5.16067E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.90174E+00 SHOULD BE  5.16067E+00
```

115. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.88690E+00 SHOULD BE 5.15294E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.88690E+00 SHOULD BE  5.15294E+00
```

116. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.87211E+00 SHOULD BE 5.14523E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.87211E+00 SHOULD BE  5.14523E+00
```

117. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.85734E+00 SHOULD BE 5.13753E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.85734E+00 SHOULD BE  5.13753E+00
```

118. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.84257E+00 SHOULD BE 5.12983E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  9.84257E+00 SHOULD BE  5.12983E+00
```

119. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 9.82785E+00 SHOULD BE 5.12216E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.82785E+00 SHOULD BE  5.12216E+00
```

120. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
   1.80000E-04 / DENSITY 9.81314E+00 SHOULD BE 5.11449E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.81314E+00 SHOULD BE  5.11449E+00
```

121. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
   1.80000E-04 / DENSITY 9.79846E+00 SHOULD BE 5.10684E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  9.79846E+00 SHOULD BE  5.10684E+00
```

122. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
   1.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 /
   DENSITY 1.31276E+01 SHOULD BE 4.06234E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                    ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.31276E+01 SHOULD BE  4.06234E+00
```

123. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
   1.80000E-04 / DENSITY 1.31274E+01 SHOULD BE 4.06227E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.31274E+01 SHOULD BE  4.06227E+00
```

124. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
   1.80000E-04 / DENSITY 1.31175E+01 SHOULD BE 4.05922E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.31175E+01 SHOULD BE  4.05922E+00
```

125. Level density in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
   1.80000E-04 / DENSITY 1.31077E+01 SHOULD BE 4.05618E+00 (0): URR dens. (a)*

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```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.31077E+01 SHOULD BE  4.05618E+00
```

126. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30979E+01 SHOULD BE 4.05314E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30979E+01 SHOULD BE  4.05314E+00
```

127. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30881E+01 SHOULD BE 4.05011E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30881E+01 SHOULD BE  4.05011E+00
```

128. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30783E+01 SHOULD BE 4.04706E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30783E+01 SHOULD BE  4.04706E+00
```

129. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30685E+01 SHOULD BE 4.04404E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30685E+01 SHOULD BE  4.04404E+00
```

130. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30489E+01 SHOULD BE 4.03799E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30489E+01 SHOULD BE  4.03799E+00
```

131. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30294E+01 SHOULD BE 4.03194E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30294E+01 SHOULD BE  4.03194E+00
```

132. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.30099E+01 SHOULD BE 4.02590E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.30099E+01 SHOULD BE  4.02590E+00
```

133. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.29904E+01 SHOULD BE 4.01987E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.29904E+01 SHOULD BE  4.01987E+00
```

134. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.29709E+01 SHOULD BE 4.01385E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.29709E+01 SHOULD BE  4.01385E+00
```

135. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.29515E+01 SHOULD BE 4.00784E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.29515E+01 SHOULD BE  4.00784E+00
```

136. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.29321E+01 SHOULD BE 4.00184E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  1.29321E+01 SHOULD BE  4.00184E+00
```

137. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.29128E+01 SHOULD BE 3.99586E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.29128E+01 SHOULD BE  3.99586E+00
```

138. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.28934E+01 SHOULD BE 3.98987E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.28934E+01 SHOULD BE  3.98987E+00
```

139. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.28741E+01 SHOULD BE 3.98390E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.28741E+01 SHOULD BE  3.98390E+00
```

140. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.28549E+01 SHOULD BE 3.97794E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.28549E+01 SHOULD BE  3.97794E+00
```

141. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 1.28356E+01 SHOULD BE 3.97199E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  1.28356E+01 SHOULD BE  3.97199E+00
```

142. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.06082E+01 SHOULD BE 3.32373E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
          ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                  ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.06082E+01 SHOULD BE  3.32373E+00
```

143. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.06079E+01 SHOULD BE 3.32368E+00 (0): URR dens. (a)

55

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.06079E+01 SHOULD BE  3.32368E+00
```

144. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05924E+01 SHOULD BE 3.32118E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.05924E+01 SHOULD BE  3.32118E+00
```

145. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05770E+01 SHOULD BE 3.31869E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.05770E+01 SHOULD BE  3.31869E+00
```

146. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05616E+01 SHOULD BE 3.31621E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.05616E+01 SHOULD BE  3.31621E+00
```

147. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05462E+01 SHOULD BE 3.31373E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.05462E+01 SHOULD BE  3.31373E+00
```

148. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05308E+01 SHOULD BE 3.31123E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.05308E+01 SHOULD BE  3.31123E+00
```

149. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.05154E+01 SHOULD BE 3.30876E+00 (0): URR dens. (a)

```
FILE   2
   SECTION 151
         ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.05154E+01 SHOULD BE  3.30876E+00
```

150. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.04847E+01 SHOULD BE 3.30381E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
         ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.04847E+01 SHOULD BE  3.30381E+00
```

151. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.04540E+01 SHOULD BE 3.29886E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
         ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.04540E+01 SHOULD BE  3.29886E+00
```

152. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.04234E+01 SHOULD BE 3.29392E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
         ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.04234E+01 SHOULD BE  3.29392E+00
```

153. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.03928E+01 SHOULD BE 3.28899E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
         ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.03928E+01 SHOULD BE  3.28899E+00
```

154. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.03623E+01 SHOULD BE 3.28406E+00 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
         ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.80000E-04
                       DENSITY  2.03623E+01 SHOULD BE  3.28406E+00
```

155. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 2.03318E+01 SHOULD BE 3.27914E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.03318E+01 SHOULD BE  3.27914E+00
```

156. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.03014E+01 SHOULD BE 3.27424E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.03014E+01 SHOULD BE  3.27424E+00
```

157. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.02710E+01 SHOULD BE 3.26934E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.02710E+01 SHOULD BE  3.26934E+00
```

158. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.02406E+01 SHOULD BE 3.26444E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.02406E+01 SHOULD BE  3.26444E+00
```

159. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.02103E+01 SHOULD BE 3.25955E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.02103E+01 SHOULD BE  3.25955E+00
```

160. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.01801E+01 SHOULD BE 3.25468E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
            ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  1.80000E-04
                            DENSITY  2.01801E+01 SHOULD BE  3.25468E+00
```

161. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 2.01499E+01 SHOULD BE 3.24981E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  2.01499E+01 SHOULD BE  3.24981E+00
```

162. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS
1.80000E-04 / ENERGY = 1.98800E+03. STRENGTH FUNCTION IS 1.80000E-04 /
DENSITY 3.81151E+01 SHOULD BE 2.81239E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
         ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                ENERGY =  1.98800E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  3.81151E+01 SHOULD BE  2.81239E+00
```

163. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.81144E+01 SHOULD BE 2.81234E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  3.81144E+01 SHOULD BE  2.81234E+00
```

164. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.80858E+01 SHOULD BE 2.81023E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  3.80858E+01 SHOULD BE  2.81023E+00
```

165. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.80573E+01 SHOULD BE 2.80812E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  3.80573E+01 SHOULD BE  2.80812E+00
```

166. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.80288E+01 SHOULD BE 2.80602E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                          DENSITY  3.80288E+01 SHOULD BE  2.80602E+00
```

167. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.80004E+01 SHOULD BE 2.80392E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.80004E+01 SHOULD BE  2.80392E+00
```

168. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.79718E+01 SHOULD BE 2.80181E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.79718E+01 SHOULD BE  2.80181E+00
```

169. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.79434E+01 SHOULD BE 2.79972E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.79434E+01 SHOULD BE  2.79972E+00
```

170. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.78866E+01 SHOULD BE 2.79553E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.78866E+01 SHOULD BE  2.79553E+00
```

171. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.78298E+01 SHOULD BE 2.79134E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.78298E+01 SHOULD BE  2.79134E+00
```

172. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.77732E+01 SHOULD BE 2.78716E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                         DENSITY  3.77732E+01 SHOULD BE  2.78716E+00
```

173. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS
1.80000E-04 / DENSITY 3.77167E+01 SHOULD BE 2.78299E+00 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.77167E+01 SHOULD BE  2.78299E+00
```

174. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.76602E+01 SHOULD BE 2.77882E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.76602E+01 SHOULD BE  2.77882E+00
```

175. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.76038E+01 SHOULD BE 2.77466E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.10000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.76038E+01 SHOULD BE  2.77466E+00
```

176. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.75475E+01 SHOULD BE 2.77051E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.20000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.75475E+01 SHOULD BE  2.77051E+00
```

177. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.74913E+01 SHOULD BE 2.76636E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.30000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.74913E+01 SHOULD BE  2.76636E+00
```

178. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.74352E+01 SHOULD BE 2.76222E+00 (0): URR dens. (a)

```
FILE  2
   SECTION 151
           ENERGY =  1.40000E+04. STRENGTH FUNCTION IS  1.80000E-04
                           DENSITY  3.74352E+01 SHOULD BE  2.76222E+00
```

179. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 3.73791E+01 SHOULD BE 2.75808E+00 (0): URR dens. (a)

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```
                    FILE  2
                       SECTION 151
                                ENERGY =  1.50000E+04. STRENGTH FUNCTION IS  1.80000E-04
                                          DENSITY  3.73791E+01 SHOULD BE  2.75808E+00
```

180. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS
     1.80000E-04 / DENSITY 3.73232E+01 SHOULD BE 2.75396E+00 (0): URR dens. (a)

```
                    FILE  2
                       SECTION 151
                                ENERGY =  1.60000E+04. STRENGTH FUNCTION IS  1.80000E-04
                                          DENSITY  3.73232E+01 SHOULD BE  2.75396E+00
```

181. Level density in URR not in agreement with PSYCHE's expectations
     FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS
     1.80000E-04 / DENSITY 3.72674E+01 SHOULD BE 2.74984E+00 (0): URR dens. (a)

```
                    FILE  2
                       SECTION 151
                                ENERGY =  1.70000E+04. STRENGTH FUNCTION IS  1.80000E-04
                                          DENSITY  3.72674E+01 SHOULD BE  2.74984E+00
```

182. Non-threshold reaction with Q value differing from PSYCHE's expectations
     FILE 3 / SECTION 103 / THE CALCULATED Q 6.24395E+05 DISSAGREES WITH
     THE GIVEN Q 0.00000E+00 (0): Iffy Q

```
                    FILE  3
                       SECTION 103
                                THE CALCULATED Q  6.24395E+05 DISSAGREES WITH THE GIVEN Q  0.00000E+00
```

183. Non-threshold reaction with Q value differing from PSYCHE's expectations
     FILE 3 / SECTION 107 / THE CALCULATED Q 1.01181E+07 DISSAGREES WITH
     THE GIVEN Q 0.00000E+00 (0): Iffy Q

```
                    FILE  3
                       SECTION 107
                                THE CALCULATED Q  1.01181E+07 DISSAGREES WITH THE GIVEN Q  0.00000E+00
```

- `fudge-4.0` Warnings:

  1. Missing a channel with a particular angular momenta combination
     resonances / resolved / MultiLevel_BreitWigner (Error # 0): missingResonanceChannel

     ```
     WARNING: Missing a channel with angular momenta combination L = 0, J = 2.0 and S = 2.0 for "capture"
     ```

  2. Potential scattering hasn't converted, you need more L's!
     resonances / resolved (Error # 1): potentialScatteringNotConverged

     ```
     WARNING: Potential scattering hasn't converged by L=0 at E=1988.0 eV, xs[0]/xs[0]=100.0% > 0.1%
     ```

- `fudge-4.0` Errors:

  1. Calculated and tabulated Q values disagree.
     reaction label 39: n[multiplicity:'2'] + Sm146 + gamma (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: -6576957.55090332 eV vs -6.341e6 eV!
```

2. Calculated and tabulated Q values disagree.
   reaction label 40: n[multiplicity:'3'] + Sm145 + gamma (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: -15033045.83068848 eV vs -1.4756e7 eV!
```

3. Calculated and tabulated Q values disagree.
   reaction label 41: n + H1 + Pm146 + gamma (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: -6733726.617416382 eV vs -7.101e6 eV!
```

4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
   reaction label 41: n + H1 + Pm146 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

```
WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV
        ... plus 9 more instances of this message
```

5. Calculated and tabulated Q values disagree.
   reaction label 42: H1 + Pm147 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 782796.2979431152 eV vs 5.58e5 eV!
```

6. Calculated and tabulated Q values disagree.
   reaction label 43: H1 + Pm147_e1 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 691696.2979431152 eV vs 4.669e5 eV!
```

7. Calculated and tabulated Q values disagree.
   reaction label 44: H1 + Pm147_e2 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 432796.2979431152 eV vs 2.08e5 eV!
```

8. Calculated and tabulated Q values disagree.
   reaction label 45: H1 + Pm147_e3 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 402796.2979431152 eV vs 1.78e5 eV!
```

9. Calculated and tabulated Q values disagree.
   reaction label 46: H1 + Pm147_e4 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 374596.2979431152 eV vs 1.498e5 eV!
```

10. Calculated and tabulated Q values disagree.
    reaction label 47: H1 + Pm147_e5 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 372286.2979431152 eV vs 147490. eV!
```

11. Calculated and tabulated Q values disagree.
    reaction label 48: H1 + Pm147_e6 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 293546.2979431152 eV vs 68750. eV!
```

12. Calculated and tabulated Q values disagree.
    reaction label 49: H1 + Pm147_e7 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 282796.2979431152 eV vs 5.8e4 eV!
```

13. Calculated and tabulated Q values disagree.
    reaction label 50: H1 + Pm147_e8 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 251786.2979431152 eV vs 26990. eV!
```

14. Calculated and tabulated Q values disagree.
    reaction label 51: H1 + Pm147_e9 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 162796.2979431152 eV vs -6.2e4 eV!
```

15. Calculated and tabulated Q values disagree.
    reaction label 52: H1 + Pm147_e10 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 149996.2979431152 eV vs -7.48e4 eV!
```

16. Calculated and tabulated Q values disagree.
    reaction label 53: H1 + Pm147_e11 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 141496.2979431152 eV vs -8.33e4 eV!
```

17. Calculated and tabulated Q values disagree.
    reaction label 54: H1 + Pm147_e12 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 133496.2979431152 eV vs -9.13e4 eV!
```

18. Calculated and tabulated Q values disagree.
    reaction label 55: H1 + Pm147_e13 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 122796.2979431152 eV vs -1.02e5 eV!
```

19. Calculated and tabulated Q values disagree.
    reaction label 56: H1 + Pm147_e14 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 115596.2979431152 eV vs -1.092e5 eV!
```

20. Calculated and tabulated Q values disagree.
    reaction label 57: H1 + Pm147_e15 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 102336.2979431152 eV vs -122460. eV!
```

21. Calculated and tabulated Q values disagree.
    reaction label 58: H1 + Pm147_e16 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 96906.29794311523 eV vs -127890. eV!
```

22. Calculated and tabulated Q values disagree.
    reaction label 59: H1 + Pm147_e17 (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 52096.29794311523 eV vs -1.727e5 eV!
```

23. Calculated and tabulated Q values disagree.
    reaction label 60: H1 + Pm147_e18 (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -24503.70205688477 eV vs -2.493e5 eV!
    ```

24. Calculated and tabulated Q values disagree.
    reaction label 61: H1 + (Pm147_c ->Pm147 + gamma) (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -24503.70205688477 eV vs -2.493e5 eV!
    ```

25. Calculated and tabulated Q values disagree.
    reaction label 62: Sm148 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 8302605.797515869 eV vs 8.142e6 eV!
    ```

26. Calculated and tabulated Q values disagree.
    reaction label 63: n + He4 + Nd143 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: 2614194.983551025 eV vs 2.311e6 eV!
    ```

27. If an outgoing energy distribution ends with more than one energy with probability=0,
    proper unitbase treatment is unclear. Distribution should end with exactly one P=0
    point.
    reaction label 63: n + He4 + Nd143 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

    ```
    WARNING: Extra zero-probability outgoing energies found at incident energy 5.e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV
            ... plus 13 more instances of this message
    ```

28. Calculated and tabulated Q values disagree.
    reaction label 64: n[multiplicity:'2'] + He4 + Nd142 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -3962762.567367554 eV vs -3.812e6 eV!
    ```

29. If an outgoing energy distribution ends with more than one energy with probability=0,
    proper unitbase treatment is unclear. Distribution should end with exactly one P=0
    point.
    reaction label 64: n[multiplicity:'2'] + He4 + Nd142 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

    ```
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV
    WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV
            ... plus 7 more instances of this message
    ```

30. Calculated and tabulated Q values disagree.
    reaction label 65: n[multiplicity:'2'] + H1 + Pm145 + gamma (Error # 0): Q mismatch

    ```
    WARNING: Calculated and tabulated Q-values disagree: -13310684.16833496 eV vs -1.3357e7 eV!
    ```

65

31. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 65: n[multiplicity:'2'] + H1 + Pm145 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
        ... plus 1 more instances of this message
```

32. Calculated and tabulated Q values disagree.
reaction label 66: He4 + Nd144_s (Error # 0): Q mismatch

```
WARNING: Calculated and tabulated Q-values disagree: 10289923.54141235 eV vs 0. eV!
```

33. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch

```
WARNING: Cross section domain does not match domain of linked reaction cross section sum
```

- `njoy2012` Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

```
---message from hinit---mf6, mt102 does not give recoil za= 62148
                    photon momentum recoil used.
```